

Sub
C1

2. The composition of claim 1 wherein the composition comprises an effective amount of placental alkaline phosphatase for stimulating proliferation of fibroblasts.

✱ ⑪

See B2

2



Combine these with the enzyme of clm.1 to see if that yields any hits

8. The composition of claim 1 wherein the concentration of the placental alkaline phosphatase is between about 0.001 and about 1 mg/1 gram product.

9. The composition of claim 1 wherein the concentration of the placental alkaline phosphatase is between about 0.01 and about 0.5 mg/1 gram product.

10. The composition of claim 1 further comprising an additive selected from the group consisting of a preservative, a buffer, an antibiotic and a moisture controller.

11. A composition for stimulating cell proliferation comprising placental alkaline phosphatase and a proliferation compound selected from the group consisting of a growth factor, a growth promoting serum factor and mixtures thereof.

12. The composition of claim 11 wherein the proliferation compound comprises PDGF.

13. The composition of claim 12 wherein the proliferation compound further comprises insulin or IGF-I.

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Sub
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3

sp.

growth factor

14. The composition of claim 12 wherein the proliferation compound comprises a proliferation promoting serum factor.

Rule 1126 15
~~15.~~ A method for accelerating wound healing comprising applying a composition to the wound, the composition comprising placental alkaline phosphatase.

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~~16.~~ The method of claim *15* wherein the composition further comprises a non-toxic carrier.

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~~17.~~ The method of claim *15* wherein the composition further comprises a growth factor or a growth promoting serum factor.

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~~18.~~ The method of claim *15* wherein the applying of the composition comprises topical administering of the composition.

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~~19.~~ The method of claim *15* wherein the applying of the composition comprises transdermal administering of the composition.

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~~20.~~ The method of claim *15* wherein the composition further comprises a gel forming material.

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~~21.~~ A method for stimulating proliferation of cells in a cell culture, the method comprising contacting the cells with a composition, the

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composition comprising a cell culture medium,
placental alkaline phosphatase and a proliferation
compound selected from the group consisting of a growth
factor and a growth promoting serum factor.

Rule 1.126
²²/₂₃. The method of claim ²¹/₂₂ wherein the cells are
fibroblasts.

²³/₂₄. The method of claim ²¹/₂₂ wherein the cells are
skin fibroblasts.

²⁴/₂₅. The method of claim ²¹/₂₂ wherein the cells are
contacted with a growth factor.

²⁵/₂₆. The method of claim ²¹/₂₂ wherein the cells are
contacted with serum.

²⁶/₂₇. The method of claim ²¹/₂₂ wherein the
proliferation compound comprises a growth factor.

add B³

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